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Do not assume content reflects current scientific knowledge, policies, or practices.

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WHOLESALE PRICES BELOW ARE TODAY'S VALUES, F. O. B. ST. LOUIS, FOR PROMPT SHIPMENT. ALL QUOTATIONS SUBJECT TO MARKET CHAIN PRICES ARE FOR FULL BAGS. BROKEN BAGS HIGHER AND WE MAKE AN EXTRA FLAT CHARGE OF 15 CENTS FOR EACH PACKAGE OF 60 POUNDS OR

PARCEL POST ORDERS 25 CENTS EACH EXTRA PLUS POSTAGE. BAGS NOT RETURNABLE. Zone 4 WE SELL TO DEALERS OF ST. LOUIS, MO. Telephones L.D. 44
MAIN 0.500 Depart 2.41 1020 So. Fourth St.



List No. 563

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE

April 25, 1946

ALFALFA	U.S.	Verified	Origin	
Bags-No Cha	rge		Per 100 lbs.	

,	Out
	Out
M Brand	44.00
"	44.00
44	44.00
uidance.	
	36.00
Order Group 1.	
	M Brand "" ruidance. % Red) , Order Group 1.

SWEET CLOVER Per 100 lbs

Bags—No Charge	101 100 105.
M Brand, Standard (Mainly White)	\$15.50
Fancy, 98.50% or better Purity	Out
M Brand, Yellow Blos.	15.50
" " Mixed Wht.&Yel.	15.00
Unhulled Sweet Clover	11.50
INCLUDE INOCULATION, Order Grow	ap 1.

Hubam Annual Sweet Clover

Bags-No Charge	Per 100 lbs.
M Brand Hubam	Out

RED CLOVER - ALSIKE CLOVER

Unable to supply now-stocks exhausted.

LESPEDEZA Per 100 lbs.

Bags Included	
Korean, M Brand	\$8.00
" Fancy	7.25
Korean, Hulled, M Brand	10.00
" Early, 19604	Out
SERICEA - Unhulled - M Brand	18.00
" - Scarified - " "	27.00
INCLUDE INOCULATION, Order Group 3.	

SUBTERRANEAN CLOVER \$1.10 lb.

LADINO CLOVER

M Brand	(100 lb. bags)	\$1.75 1
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CRIMSON	CLOVER Per Bags	100 lbs.
Bags Included	or More	
M Brand	\$20.50	\$21.00
INCLUDE IN	OCULATION, Order G	roup 2.

WHITE DUTCH CLOVER 96c to \$1.00 per lb. Special

VETCH	Per 100 lbs.
Bags Included	5 Bags Bag or More Lots
Hairy Winter Vetch	Ask
Austrian Winter Peas Common Vetch	"

(Fumigated against weevil; finest quality). INCLUDE INOCULATION, Order Group 4.

TIMOTHY	Per 100 lbs.	
Bags Included.	5 Bags or More	Bag Lots
M Brand	\$8.25	\$8.50
Fancy	7.75	8.00
Choice	7.25	7.50
Timothy-Alsike Mixed		Out

RED TOP	Per 100 lbs.		
Bags Included.	5 Bags or More	Bag Lots	
M Brand	\$15.50	\$16.00	
Fancy	14.75	15.25	
Choice	14.00	14.50	
Superfine	16.75	17.25	
Unhulled	9.00	9.50	

SEAMLESS BAGS	Per Bale Bale
New 16-oz. 100 per bale.	Lots
Bemis "A" or Fulton "A"	\$47.00

Per Bale of 50 lbs. BINDER TWINE

Maple Leaf 5-lb. & 8 lb. Balls \$6 Made in Canada. 100% pure Sisal. \$6.00

CLIPPER MILLS

Not available now.

M BRAND IN			
	Size	Dealer Price	Retail Price
Group 1—Alfalfa, Sweet	1-bu.	\$0.30	\$0.59
Group 2—Red, Alsike, Crimson Clover	2½-bu.	.54	1.00
Group 3—Lespedeza	100-lb.	.30	.50
Group 4—Vetches, Austrian Peas, Garden & Canning Peas	100-lb.	.34	.55
)	2-bu.	.20	.30
Group 5-Cowpeas	5-bu.	.33	.55
Group 6-Soybeans	25-bu.	1.50	2.50
	*30-bu.	1.90	3.00
The 30-bu. size may be sold 5-bu. pkgs.	as one uni	t, or as 6	separate

FORAGE SEEDS

MILLET, CANE,	
SORGO, MILO	00.11-
Bags Included 5 Bags or More	
Millet, Golden or German (Hay) \$7.50	\$7.75
" Barnyard or Jap. " 6.25	6.50
" White Wonder " 6.50	6.75
" Siberian (Early) " 5.00	5.25
Cane, Orange (For Forage only) 7.50	7.75
" Redtop " " 7.50	7.75
" Mixed " " 7.00	7.25
Milo Maize Dwarf, Combine Type 6.50	6.75
Kaffir	Out
Hegari 6.50	6.75
Atlas Sorgo 7.50	7.75
Grohoma 7.50	7.75
Norkan(Early-Leafy, Sweet Stalk) 7.50	7.75

SUDAN GRASS

M Brand (Johnson-free) \$ 8.50 \$ 8.75

Per 100 lbs.

SWEET SUDAN

Feed Grade

KY. BLUE GRASS

CHEWINGS FESCUE

M Brand Small amounts 5c lb. higher.

POA TRIVIALIS

BENT GRASS

RYE GRASS

Astoria,

NEW! More leafy, larger yielding, more palatable than common Sudan. Juicier, remains green longer, more resistant to chinch bugs, more disease resistant.

M Brand	Sweet	Sudan	\$14.00	\$14.50

BUCKWHEAT	Per 100 lbs.
Bags Included Seed Quality	\$6.00

SOYBEANS 5 Bags Bag Lots \$3.30 \$3.40 Certified Lincoln, 3.15

Illini Yellow	3.25	3.35
Chief "	3.25	3.35
Richland " (Early)	3.25	3.35
Laredo	4.00	4.25
Virginia Brown	3.15	3.25
Wilson Black	3.15	3.25
Kingwa "	3.15	3.25
Mixed, For Hay	2.90	3.00

Per Bushel

COWP	EAS	1	Mixed	\$5.25	\$5.35
Cowpeas	short.	See	Mung	Beans	listed
below;				Per I	Bushel

MUNG BEANS \$6.00 \$6.25 Mungs for Hay will mature in 65 to 70

days. Grow erect, making harvesting easier. Hay has 87% value of Alfalfa hay for dairy

If drilled solid, need about 30 lbs. seed per acre, against 75 to 80 lbs. Cowpeas. Seeding cost Mung Beans therefor is less. Plant from May to July when soil is warm. Prepare soil same as for Cowpeas. INOCULATE SEED BEFORE PLANTING.

Mung Beans are good substitute for Cowpeas.

RAPE SEED		00 lbs.
Bags Included. Finest M Brand, Dwarf Essex Makes Fine Hog, Sheep Past	\$18.25	\$18.50

JOHNSON GRASS

M Brand 21 lb.	Ask	SUNFLOWER PO	er 100 lbs.
Fancy 19 lb. CANADA BLUE GRASS —	Out	Bags included. State kind when ordering.	
		Polly-Local Grown Gray-Stripe	\$ 9.75
LAWN GRASS	Per 100 lbs. In full bags	For Parrots, Cardinals, Poultry. SUPERFINE—Gray-Stripe For Parrots or Planting.	13.00
M Brand Mixed Lawn Seed Finest Quality		Free of Weevil Holes. SUPERFINE—Giant Dark-Stripe	13.75
M Brand (with white clover) M Brand Shady Spot Mixture Greenvue (Quick-Growing Mixture)	$\begin{array}{c} \$35.00 \\ 44.00 \\ 26.00 \end{array}$	For Roasting, Parrots or Planting. Free of Weevil Holes. Ask for quantity prices.	
Above also packed in 5 lb. attractive cloth per 100 lbs. higher.		BIRD SEED P	er 100 lbs.

4.25

101	TOO IND
M Brand Mixed Bird Seed	\$15.00
Straight Canary	9.50
Large Bird Rape (Essex)	18.50
" White or Hog Millet	5.50
" Red or Early Fortune Millet	5.50
Whole Flax, Recleaned	9.25
Bird Thistle (Niger)	22.00
" Lettuce	18.00
Field or Pigeon Peas	8.75

M Brand \$60.00 \$61.00 Small amount 5c lb. higher. Supply very limited. Can ship only small orders. Seaside, M Brand Out

S. A. Yellow (for popping) (100 lb. bags) \$8.75 Black Beauty "

Also packed in attractive 10 oz. Cans, 24 per case.

Minimum order 5 cases at \$2.90 per case.

Small amounts 5c lb. higher. Per 100 lbs.

98c lb.

Bag Lots 5 Bags or More Bags Included. \$11.00 \$11.25 Domestic-M Brand 20.50 21.00 Perennial,

Per 100 lbs.

\$56.50 \$57.00

Per 100 lbs

ORCHARD GRASS Per 100 lbs.

M Brand \$35.50 \$36.00

MEADOW FESCUE

BROME GRASS

Bags Included. Quack-free

M Brand (Native Kan.-Neb.) \$18.50 \$18.75

" " Canadian 16.75 17.00

Brome-Alfalfa mixture better than straight Brome, at rate of 12 lbs. Brome and 4 lbs. Alfalfa per acre. Alfalfa furnishes nitrogen, keeps Brome from becoming "sod-bound." "sod-bound."
Sow Native Brome in Corn Belt region for best results;
Canadian farther north.

REED CANARY GRASS

BERMUDA GRASS Per 100 lbs. Small amounts 5c lb. higher.

WESTERN (Range) GRASSES

Bags Included. Quack-free	. Per 1	00 lbs.
Crested Wheat Grass	\$13.00	\$13.50
Slender " "	12.00	12.50
Western " "	Asl	K
Blue Grama—Combine Quality	25.00	27.00
Side Oats Grama	As	k
Sandrop	13.00	13.50
Buffalo Grass (Untreated)	65.00	70.00
" (Treated)	75.00	80.00
(Treated to quicken germination).	-	

Ask

DOI'IL DO WEIL	100 lbs.
Bags included. State kind when ordering.	
Polly-Local Grown Gray-Stripe	\$ 9.75
For Parrots, Cardinals, Poultry. SUPERFINE—Gray-Stripe	13.00
For Parrots or Planting. Free of Weevil Holes.	
SUPERFINE—Giant Dark-Stripe	13.75
For Roasting, Parrots or Planting. Free of Weevil Holes.	
Ask for quantity prices.	

Director Children 161	TOO IDS.
M Brand Mixed Bird Seed	\$15.00
Straight Canary	9.50
Large Bird Rape (Essex)	18.50
" White or Hog Millet	5.50
" Red or Early Fortune Millet	5.50
Whole Flax, Recleaned	9.25
Bird Thistle (Niger)	22.00
" Lettuce	18.00
Field or Pigeon Peas	8.75
Hemp, recleaned, devitalized	20.00

Order from our EMBRO POPCORN CO. Dept. POPCORN

PASTURE MIXTURE Per 100 lbs.

M Brand (Spring seeding) \$18.00 \$18.50 Generous Seeding Brings Quicker Coverage. Sow 20 to 25 lbs. per acre.
Well-balanced full mixture for prolonged pasturage. Contains Lespedeza, Timothy, Redtop, Ryegrass, Alsike, White Dutch Clover, Orchard Grass, Brome, Meadow Fescue and Bluegrass . . . only high quality seed used in M Brand Pasture Mixture.

CLOVERS, FORAGE SEEDS

Country-run or Recleaned

M BRAND

Hybrid Seed Corn

M BRAND Hybrids are adapted and are the larger-eared, soft-type, main-crop kinds—the kind the farmer likes to feed. None are in the experimental stage. They have been used for years and are proven satisfactory.

All Hybrid Prices Per Bushel.

M BRAND U. S. 13 - Universal favorite. Wide adaptation, For medium to rich soils. Medium early maturity.

4.75
2.50

M BRAND ILL. 200 — Excellent yielder, wide adaptation, similar to U. S. 13 in maturity, amenable to various soil types:

Large Flat	\$6.50
Regular "	6.50
Small "	4.75
Large Round	2.50

M BRAND ILL. 784 — Adapted to south-central and southern Ill., southern two-thirds of Mo., Ky., Ark., Okla., eastern Kans. — for medium to lighter soils, makes nice ears and a good yielder. Medium early.

\$6.50
6.50
4.75
3.00

M BRAND ILL. 448 — Similar to III. 200 in ear size, maturity and performance. Excellent in Southern III., Sou. Ind., Ky., Ark., Sou. Mo.

Large Flat	\$6.50
Regular "	6.50
Small "	4.75

M BRAND ILL. 1091-A — Good-yielding, widely adapted, early maturing corn. Good-sized ears for early type. Came through fine in 1945 late-planting in flooded areas.

Large Flat	\$6.50
Regular "	6.50
Small "	4.75
Rounds	2.50
AVOUNTOIS	2.00

M BRAND MO. 8 — Popular in Mo., Ark., and Okla. for years. For medium to light soils. Medium-late maturing. Best adapted to areas south of St. Louis. Large Flat \$6.25

Regular "

EMBRO 1020 — High-yielding soft-type for medium-rich to rich soil, maturity about same as U. S. 13 — adaptation all Mo., Central & Sou. Ill., Ky., Ark., Okla. & Kans. Deep grain.

Large Flat \$6.75 Large Round 3.00

EMBRO 1001 Sold out for this season's

planting. Booking now for 1947 shipment.

EMBRO K-2234 WHITE HYBRID - Excellent yielding, fine ears. Medium to rich soils. Medium maturing.

Regular Flat \$7.50 Small 5.50

All above Hybrid prices are DEALER prices. Suggested retail price \$1.50 to \$2.00 per bushel higher.

OPEN POLLINATED CORN

Machine Graded Per Bu. Yellow Dent, M Brand \$3.50

Better Crops"	REQUIRES NO POSTAGE	M Brand Seeds Are Selected for Quality		
GENTLEMEN:	DATE			
YOU MAY SHIP US VIA		THE FOLLOWING		
QUANTITY	KIND OF SEED	GRADE OR QUALITY		

TERMS CASH, NO DISCOUNT, SUBJECT TO DEMAND DRAFT

ADDRESS



BE SURE TO GIVE YOUR NAME AND ADDRESS

AUGUST-NOVEMBER VETCH, HAIRY WINTER MAY—AUGUST APRIL—JULY MAY—JULY FEBRUARY, MAY—AUGUST, NOVEMBER FEBRUARY, MAY—AUGUST, NOVEMBER YHTOMIT REED CAMPRY GRASS
SUPERNS (DRILLED)
SOVBEANS (DRILLED)
SOVBEANS
SOVBEANS
SOVBEANS
TIMOTHY FEBRUARY, JUNE-AUGUST, OCTOBER ORCHARD GRASS
PASTURE MIXTURE
REDTOR, SOLID (MEASURED BU. 32 LBS.)
UNHHULED
MEED CAMAR GRASS 1APANESE. TREADERS CORN-MILE MARKERS CORN-MILE MARKERS CORN-MILED BUT 12 (MERSONES BUT 14 (MERSONES B FEBRUARY--MAY 12-52 FEBRUARY, APRIL-AUGUST, OCTOBER OHNZON GRASS. COMPEAS (DRILLED)

" WHITE (LAWNS: 1 LB. 400 SQ. FT.)

SWEET (UNHULLED) MAY—JULY
MAY—JULY
MAY—JULY
MAY—JULY, SEPTEMBER
JANUARY, APRIL—AUGUST, NOYEMBER
JANUARY, APRILANDER, NOYEMBER
JANUARY, ARRIVAL
JANUARY, ARRIVAL 45-70 3-5 30-32 12-50 12-50 12-50 12-50 12-50 SWEET RED. CRIMSON. CANE, FODDER

CORN, FIELD

CORN, FIELD

CON STATE

CON YJUL-YAM **BUCKWHEAT.** MARCH, APRIL—SEPTEMBER
MARCH—JUNE
MERCH—JUNE—RUGUST, OCTOBER
FEBRUARY, JUNE—AUGUST, OCTOBER
MAY—IIII V BROME GRASS. BLUE GRASS (LAWNS: 1 LB. 200 SQ. FT.) BERMUDA GRASS. BARLEY ATLAS SORGO ALSIKE CLOVER ALFALFA ЛАМИАRY, APRIL—AUGUST, ОСТОВЕЯ АРЯІL—JULY MARCH, MAY-AUGUST, SEPTEMBER TIME OF SEEDING PER BU.

POSTAGE YA9 ME TSO9 ZIHT NO OKDEK YOUR HOATED

Mo. Saint Louis,

Sec. 510 P.L. & R.

Permit No. 4

First Class

p auoz ST. LOUIS, MO.

1020 SO. FOURTH ST. ED. F. MANGELSDORF & BRO., INC.

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

BUSINESS REPLY CARD



SEMESAN

SEED CHART

Seed Disinfectants
CERESAN New Improved For Wheat, Barl

Oats. Easily :	Retail	oplied. One pound tres	ts 32 Bushels
Sizes of	Price Per	Dealer	Packages
Packages	Package	Price	Per Case
4-oz. can	\$0.30	\$ 2.30 per doz.	3 doz.
4-lb. **	.80 2.70	6.50	1 .1
		12.15 " 1/2"	1/3
25-lb. pail 100-lb. D.	15.00 55.00	12.00 per pkg. 45.50	lonly
			lonly
SEMESA Disinfectant	N, JR. No for Seed Corn	ew Improved . One pound treats 8	A Dus
11/2-oz. pkt.	\$0.15	\$ 0.90 per doz.	12 doz.
12 oz. can	.56	4.70 " "	1 "
61/4-lb."	3.75	16.90 ½ "	1/2 "
25-lb. pail	12.50	10.50 per pkg.	I only
100-lb. D.	45.00	37.00 per D.	1 only
SEMESA Infectant for s	N BEL No seed potatoes.	ew Improved_ (1 pound treats 60 to 1	A Dip dis 80 Bushels.)
2-oz. pkt.	\$0.30	\$ 2.05 per doz.	12 doz.
I-lb. can	1.65	13.20 " "	1 "
4-lb. "	5.70	25.60 1/2 "	3/2 "
25-lb. pail	33.25	26.50 per pkg.	lonly
Flower Seeds	or Bulbs, and	ral Disinfectant for V Certain Plant Diseas	es.
1/3-oz. pkt.	\$0.10	\$.75 per doz.	12 doz.
2-oz. can	0.40	3.00 "	3 "
12 oz. "	1.88	15.60 " "	
4-lb. "	9.10	40.80 1/2	1/2 "
	R CERES		ton, Millet
		5 to 8 Bushels.	
1-lb. can	\$0.75	\$6.35 per doz.	I doz.
A3/ 1L 44	2 10	14 00 1/ "	1/ **

CYANOGAS, A-DUST, For Pest Control. CYANOGAS, G-FUMIGANT, For Mill & Elev.

T GITTIE	orom.		
Size	Dealer	Retail	Per Case
4 oz.	\$_0.20 each	\$ 0.30 each	1 doz.
1 lb.	.50 "	.75 "	4 "
5 "	2.10 "	3.00 "	20 cans
25 "	7.50 "	10.00 "	4 "
100 "	20.00 "	25.00 "	1 "
State pi	rpose for which desi	ired.	

CYTOX 50% DDT WETTABLE POWDER. A prepared mixture containing 50% DDT Technical compounded with wetting and spreading agents — ready for use upon dilution with water. Recommended for control of various garden insects, flies in barns and stables, etc. Can be sprayed on animals or used as livestock dip.

4 lb. bags, 12 per case____

2-4 DOW WEED KILLER - POWDER

(70% 2-4-Dichlorophenoxyacetic) Powder form - 1 ounce to 5 gallons of water.

	Dealer Retail
4-oz. cans (24 per case)	\$ 0.95 Ea. \$ 1.40 Ea.
20-oz. " (12 " ")	2.55 " 3.20 "
10-lb. drums	17.50 " 22.00 "
50-lb. "	84.00 " 105.00 "

14.00 ½ 11.50 per pkg. 42.50 4-oz. can makes 20 gallons spray which covers approximately 4,500 square feet.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WEEDICIDE WEED KILLER

LIQUID REGULAR (2-4D)

(Dilute	e 1 oz. to $1\frac{1}{2}$	gal, water	.).	
Size	Treats	Packed	Dealer	Retail
2-oz.	680 sq. ft.	2 doz.	\$ 1.80 Doz.	\$ 0.25 Ea.
8-oz.	2720 " "	1 "	7.20 "	1.00 "
1-qt.	1/4-acre	6 only	19.80 "	2.75 "
1-gal.	1 acre	1 only	6.00 Ea.	10.00 "
5-gal.	5 acres	1 only	24.00 "	30.00 "

LIQUID CONCENTRATE (2-4D)

(Dilute	1 ounce to	6 ga	als. of	water).			
1-pt.	½ acre	1	doz.	\$32.40	Doz.	\$ 4.50	Ea.
1-qt.	1 acre	6	only	57.60	66	8.00	66
1-gal.	4 acres	1	66	16.00	Ea.	20.00	66
5-gal.	20 acres	1	66	74.00	66	92.50	66

TABLET FORM (2-4D)

(Dilute 1 tablet to 3 pints of water). 8 Tab.Pkg. 680 sq.ft. 2 doz. \$ 1.80 Dz. \$0.25 Ea. 32 " " 2720 " 1 " 7.20 " 1.00 " 150 " 14 acre 6 only 19.80 " 2.75 " 5.40 Ea. 9.00 "

DUPONT "AMMATE" WEED KILLER

(Use with caution, contains ammonium sulfamate) For eradication of weeds

May kill grass and other vegetation on treated area. Size Dealer Retail \$0.50 Ea. \$0.75 Ea. 1.35 " 1.80 " Packed 1 doz. per case 4 only " " 2-lb. bottle

Wholesale Only. Under same management in St. Louis since 1919.

1020 SOUTH FOURTH STREET ED. F. MANGELSDORF & BRO, INC.

line, in the center of the Blue Grass producing districts of Missouri, Kansas, West. Atchison is in the northeast corner of Kansas, just across the Missouri Kansas, for handling and cleaning seeds originating in that area and the In addition, we operate our large cleaning and storage plant at Atchison,

to offer first-hand at low prices. of Grasses, Clovers, Beans, Peas and Forage seeds, enabling us St. Louis is close to the producing territory of a wide assortment

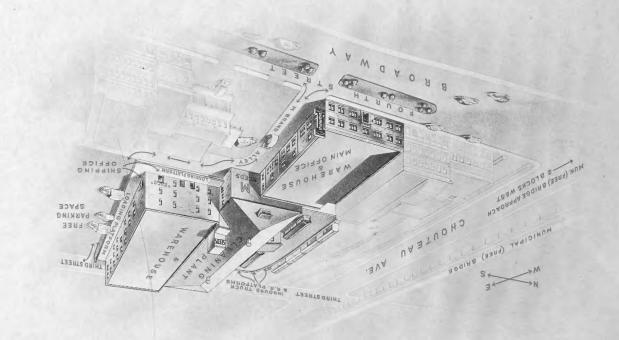
ments of the Federal and various State seed laws. cleaning and preparation of seeds to meet and surpass require-Large, modern, daylight seed-testing laboratory to control buying,

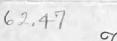
handling and cleaning of seeds. machinery, with arrangement for quick, efficient, economical Building contains 125,000 square feet. Newest types cleaning Railroad trackage alongside building. Bulk unloading provided for.

22 trucks at a time. Two entrances-Fourth or Third St.-to platform which can serve

Ample truck-loading space-off the street-with free parking lot. truck depots, railroads, wholesale district—out of congested area. Convenient location: just south of Municipal (Free) Bridge-near

OUR NEW ST. LOUIS PLANT





Apr. 25, 1946 Return Postage Guaranteed

Ed.F. Mangelsdorf & Bro., Inc.

Wholesale Grass and Field Seeds



Market Quotations





